CONTENTS

1. INTRODUCTION.. 7
- 1.1 Letters in brackets.. 7
- 1.2 Troubleshooting and repairs........................ 7

2. DESCRIPTION.. 7
- 2.1 Description of the appliance 7
- 2.2 Description of lights 7
- 2.3 Description of the control panel 7
- 2.4 Description of the accessories....................... 7
- 2.5 Description of the milk container 7

3. SETTING UP THE APPLIANCE 8

4. TURNING THE APPLIANCE ON...................... 8

5. TURNING THE APPLIANCE OFF 8

6. SETTING WATER HARDNESS 8
- 6.1 Measuring water hardness............................ 8
- 6.2 Setting water hardness 8
- 6.3 Default values (reset) 9

7. MAKING COFFEE... 9
- 7.1 Selecting the coffee taste............................. 9
- 7.2 Selecting the quantity of coffee in the cup .. 9
- 7.3 Adjusting the coffee mill 9
- 7.4 Tips for a hotter coffee................................. 9
- 7.5 Making coffee using coffee beans 10
- 7.6 Making coffee using pre-ground coffee....... 10

8. MAKING CAPPUCCINOS AND MILK-BASED COFFEES.. 10
- 8.1 Filling and attaching the milk container...... 10
- 8.2 Adjusting the amount of froth..................... 10
- 8.3 Making cappuccinos and milk-based coffees automatically 10
- 8.4 Cleaning the milk container after use 11

9. HEATING WATER 11
- 9.1 Delivering hot water 11

10. PROGRAMMING THE QUANTITY OF ALL BEVERAGES IN THE CUP........................... 11

11. CLEANING... 11
- 11.1 Cleaning the machine 11
- 11.2 Cleaning the internal circuit 11
- 11.3 Cleaning the coffee grounds container........ 12
- 11.4 Cleaning the drip tray and condensate tray 12
- 11.5 Cleaning the inside of the machine 12
- 11.6 Cleaning the water tank.............................. 12
- 11.7 Cleaning the coffee spouts 12
- 11.8 Cleaning the pre-ground coffee funnel 12
- 11.9 Cleaning the infuser................................... 12
- 11.10 Cleaning the milk container 13
- 11.11 Cleaning the hot water/steam nozzle.......... 13

12. DESCALING.. 13

13. WATER SOFTENER FILTER (D4, IF PRESENT) 14
- 13.1 Installing the filter 14

14. TECHNICAL DATA...................................... 15
- 14.1 Tips for Energy Saving 15

15. TROUBLESHOOTING 16

16. EXPLANATION OF LIGHTS.......................... 17

1. INTRODUCTION

1.1 Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on pages 2-3.

1.2 Troubleshooting and repairs

In the event of problems, first try and resolve them by reading the information given in sections “16. Explanation of lights” and “15. Troubleshooting”.

If this does not resolve the problem or you require further information, you should consult customer services by calling the number given on the annexed "Customer Service" sheet.

If your country is not among those listed on the sheet, call the number given in the guarantee. If repairs are required, contact De’Longhi customer services only. The addresses are given in the guarantee certificate provided with the machine.

2. DESCRIPTION

2.1 Description of the appliance

(page 3 - A)

A1. Grinding adjustment dial
A2. Beans container
A3. Beans container lid
A4. Pre-ground coffee funnel lid
A5. Pre-ground coffee funnel
A6. Cup shelf
A7. Power cord
A8. Infuser door
A9. Infuser
A10. Water tank lid
A11. Water tank
A12. Drip tray
A13. Drip tray water level indicator
A14. Cup tray
A15. Coffee grounds container
A16. Condensate tray
A17. Coffee spouts (adjustable height)
A18. Hot water and steam connection nozzle
A19. Drip tray grille

2.2 Description of lights

(page 2 - B)

For an explanation of the lights, see "Explanation of lights"

B1. 2x: double quantity" selected
B2. : pre-ground function
B3. : mild taste
B4. : standard taste
B5. : strong taste
B6. : "Espresso"
B7. : "Espresso Lungo"
B8. : "Long"
B9. : "Cappuccino"
B10. : "Hot milk"
B11. : "Hot water"
B12. : "See Instruction for Use"
B13. : On: "Empty grounds container"
Flashing: "Insert grounds container"
B14. : On: "Fill water tank"
Flashing: "Insert water tank"
B15. : "Descaling required"
B16. : "Insert milk container"
B17. MILK CLEAN: "Clean froth adjustment dial"
B18. : "Please wait"
B19. : "Fill beans container"
B20. : "General alarm"
B21. ESC: "Exit the menu"
B22. OK : "Confirm"

2.3 Description of the control panel

(page 2 - C)

C1. button: turns the appliance on and off (standby)
C2. button: to select the taste
C3. button: to perform a manual rinse cycle
C4. 2x button: to select double quantity (Espresso and Espresso Lungo only)
C5. button: to descale the appliance
C6. BREW button: to begin delivery
C7. "Beverage selector" dial

2.4 Description of the accessories

(pag. 2 - E)

D1. Indicator paper (*certain models only)
D2. Pre-ground coffee measure
D3. Descaler (*certain models only)
D4. Water softener filter (*certain models only)
D5. Cleaning brush (*certain models only)
D6. Hot water spout

2.5 Description of the milk container

(pag. 2 - E)

E1. Froth adjustment and CLEAN dial
E2. Milk container lid
E3. Milk container
E4. Milk intake tube
E5. Frothed milk spout (adjustable)

3. SETTING UP THE APPLIANCE

Please note!

- The first time you use the appliance, rinse with hot water all removable accessories which may come into contact with water or milk.
- The first time you use the machine, the water circuit is empty and the appliance could be very noisy. The noise becomes less as the circuit fills.
- Possible traces of coffee in the mill are the result of operating tests performed on the appliance before sale, proof of the meticulous care and attention we invest in our products.

Proceed as follows:

1. Remove the water tank (A11), fill to the MAX line with fresh water (fig. 1A) then put back in the appliance (fig. 1B).
2. Check that the hot water spout (D6) is inserted on the connection nozzle (A18) and place a container holding a minimum of 100ml underneath (fig. 2).
3. Connect the appliance to the mains supply (fig. 3).
4. The lights (B11) and OK (B22) come on (fig. 4).
5. Press the BREW button (C6): The appliance delivers water from the spout then goes off automatically.
6. The appliance goes off.
7. The coffee machine is now ready for normal use.

Please note!

- The first time you use the appliance, you need to make 4-5 cappuccinos before it starts to give satisfactory results.
- To enjoy your coffee even more and improve the performance of your appliance, we recommend installing a water softener filter (D4) as described in section "13. Water softener filter (D4, if present)". If your model is not provided with a filter, you can request one from De'Longhi customer services.

4. TURNING THE APPLIANCE ON

Please note!

- Each time the appliance is turned on, it performs an automatic preheat and rinse cycle which cannot be interrupted. The appliance is ready for use only once this cycle is complete.
- Whenever you turn the appliance on or off, we recommend collecting the rinse water in a container to avoid having to empty the drip tray frequently.

During rinsing, a little hot water comes out of the coffee spouts (A17) and is collected in the drip tray (A12) underneath.
Avoid contact with splashes of water.

- To turn the appliance on, press the button (C1) (fig. 5). The light (B18) flashes to indicate the appliance is heating up and performing an automatic rinse cycle. By circulating hot water, the appliance heats both the boiler and the internal circuits.

The appliance is ready when the main screen appears.

5. TURNING THE APPLIANCE OFF

The appliance goes off automatically if not used for 30 minutes. Whenever the coffee machine is turned off after being used to make coffee, it performs an automatic rinse cycle.

Danger of burns!

During rinsing, a little hot water flows from the coffee spouts (A17). Avoid contact with splashes of water
To turn the appliance off (standby), press the button (C1) (fig. 5). The appliance performs a rinse cycle then goes off.

Please note:

- Whenever you turn the appliance on or off, we recommend collecting the rinse water in a container to avoid having to empty the drip tray frequently.
- If you will not be using the appliance for some time, we recommend unplugging it from the mains supply.

Important!

Always turn the appliance off with the button (standby) before unplugging it from the mains supply.

6. SETTING WATER HARDNESS

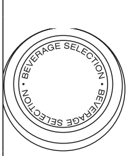
The light (B15, descaling) is displayed after a period of time established according to water hardness.
The machine is set by default for a hardness level of 4.
The machine can also be programmed according to the hardness of the mains water in the various regions so that the machine needs to be descaled less often.

6.1 Measuring water hardness

1. Some models include an indicator paper (D1), attached to the English instructions. If the indicator paper is not included with your model, contact Customer Services to buy one.
2. Immerse the paper completely in a glass of water for one second;
3. Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to 1 level.

6.2 Setting water hardness

1. With the appliance on, press and hold the button (C3) for about 6 seconds until the light (B15) comes on. Lights OK (B22) and ESC (B21)flash.
2. Turn the dial (C7) to select the requested water hardness:

Turn dial	Selected level	Correspondence to indicator paper
	Soft water	
	Slightly hard water	
	Hard water	
	Very hard water	

4. Press the BREW button (C6) to confirm. The light (B18) comes on to indicate that the appliance is saving the new setting. (To cancel, press the button corresponding to ESC).

The machine is now reprogrammed with the new water hardness setting.

6.3 Default values (reset)

This resets the default water hardness.
Proceed as follows:

1. With the appliance on, press the button (C3) for about 6 seconds.
2. Press the button until the lights shown in fig. 6 come on: Lights OK (B22) and ESC (B21) flash.
3. Press the BREW button (C6) to confirm. The lights shown in fig. 7 flash to indicate that the appliance is resetting the default values. (To cancel the operation, press the button (C5) corresponding to ESC).

7. MAKING COFFEE

7.1 Selecting the coffee taste

The appliance is set by default to make coffee with a standard taste.
Any one of these tastes can be selected:

Light taste	Standard taste	Strong taste

To change the taste, press the aroma selection button (C2) (fig. 8) repeatedly until the required taste appears on the display.

7.2 Selecting the quantity of coffee in the cup

To select the quantity of coffee, turn the selection dial (C7) (fig. 9) until the light corresponding to the required quantity of coffee comes on:

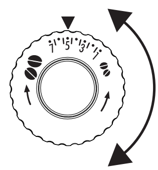
Coffee selected	Quantity in cup (ml)	2 cups or double quantity
ESPRESSO	40ml	Press 2x
ESPRESSO LUNGO	120ml	
LONG	160ml	--

To deliver 2 cups of coffee or a double quantity of coffee, press the 2x button (C4). The corresponding light comes on.

7.3 Adjusting the coffee mill

The coffee mill is factory-set in such a way that the coffee will be delivered correctly and should not require regulating initially. However, if after making the first few coffees you find that the coffee is either too weak and not creamy enough or delivery is too slow (a drop at a time), this can be corrected by adjusting the grinding dial (A1) (fig. 10).

Please note!
The grinding adjustment dial must only be turned when the coffee mill is in operation.



If the coffee is delivered too slowly or not at all, turn one click clockwise towards "7".
For fuller bodied creamier coffee, turn one click anticlockwise towards 1 (do not turn more than one click at a time otherwise the coffee could be delivered a drop at a time).
The effect of the adjustment will be noticed only after making a further 2 cups of coffee, at least. If this adjustment does not produce the desired result, turn the dial another click.

7.4 Tips for a hotter coffee

For hotter coffee, proceed as follows:

- perform a rinse cycle before delivering the coffee by pressing the button (C3). Hot water is delivered from the coffee spouts (A17) and hot water spout (if inserted) to heat the internal circuits of the appliance and deliver a hotter coffee.
  Danger of burns! Hot water is delivered from the hot water spout (if inserted).
- warm the cups with hot water using the hot water function (see section "9. Heating water").

7.5 Making coffee using coffee beans

Important!

Do not use caramelised or candied coffee beans as they could stick to the coffee mill and make it unusable.

1. Fill the beans container (A2) (fig. 11) with coffee beans.
2. Place under the coffee spouts (A17):
   - 1 cup, to make 1 coffee (fig. 12);
   - 2 cups, to make 2 coffees.
3. Lower the spouts as near as possible to the cup. This makes a creamier coffee (fig. 13).
4. Press the BREW button (C6).
5. Preparation begins and stops automatically.

Please note:

- While the machine is making coffee, delivery can be interrupted at any moment by pressing the BREW button.
- At the end of delivery, to increase the quantity of coffee in the cup, just press and hold the BREW button (within 3 seconds).

Once the coffee has been made, the appliance is ready to make the next beverage.

Please note!

- During use, various lights on the control panel (B) come on. These are explained in section "16. Explanation of lights".
- For hotter coffee, see section "7.4 Tips for a hotter coffee".
- If the coffee is delivered a drop at a time, too weak and not creamy enough or too cold, read the tips in section "15. Troubleshooting".

7.6 Making coffee using pre-ground coffee

Important!

- Never add pre-ground coffee when the machine is off or it could spread through the inside of the machine and dirty it. This could damage the machine.
- Never use more than 1 level measure as it could dirty the inside of the coffee machine or block the funnel.

Please note!

When using pre-ground coffee, only one cup can be made at a time.

1. Press and hold the button (C2) (fig. 8) until the light (B2) comes on.
2. Open the pre-ground coffee funnel lid (A4).
3. Make sure the funnel (A5) is not blocked, then add one level measure of pre-ground coffee (D2) (fig. 14).
4. Place a cup under the coffee spouts (A17) (fig. 12).
5. Press the BREW button (C6). The lights shown in fig. 15 come on.
6. Press the BREW button to confirm. Preparation begins and stops automatically.

8. MAKING CAPPUCCINOS AND MILK-BASED COFFEES

Please note!

- To avoid milk with poor froth or large bubbles, always clean the milk container lid (E2) as described in sections "8.4 Cleaning the milk container after use", "11.10 Cleaning the milk container" and "10.11 Cleaning the hot water/steam connection nozzle".

8.1 Filling and attaching the milk container

1. Remove the lid (E2)(fig. 16);
2. Fill the milk container (E3) with a sufficient quantity of milk, not exceeding the MAX level marked on the container (fig. 17). Each mark on the side of the container corresponds to 100ml of milk;

Please note!

For a denser more even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).

3. Make sure the milk intake tube (E4) is correctly inserted in the bottom of the milk container lid (fig. 18).
4. Place the lid back on the milk container.
5. Remove the hot water spout (C6) from the connection nozzle (A18).
6. Attach the container (E) to the connection nozzle (A18), pushing as far as it will go (fig. 19).
7. Place a sufficiently large cup under the coffee spouts (A17) and the frothed milk spout (E5). Adjust the length of the milk spout. To move it nearer the cup, just pull downwards (fig. 20).
8. Follow the instructions below for each function.

8.2 Adjusting the amount of froth

Make sure the froth adjustment dial on the milk container lid is in the position.

8.3 Making cappuccinos and milk-based coffees automatically

CAPPUCCINO and HOT MILK can be made automatically.

Proceed as follows:

1. Fill the milk container (E) and insert it as described in the previous paragraphs
2. Turn the selection dial (C7) (fig. 9) until the light corresponding to the required beverage comes on:
   : "Cappuccino" (B9);
   : "Hot Milk" (B10).
3. Press the BREW button (C6).
4. After a few seconds, the frothed milk is delivered from the milk spout (E5). After delivering the milk, the appliance delivers the coffee automatically.

Please note!
- If you want to interrupt preparation during delivery, press the BREW button.
- Do not leave the milk container out of the refrigerator for long periods. The warmer the milk (5°C is ideal), the poorer the quality of froth produced.

8.4 Cleaning the milk container after use

Important! Danger of scalding

When cleaning the internal tubes of the milk container (E), a little hot water and steam leak out of the milk spout (E5). Avoid contact with splashes of water. After preparation of every milk-based beverage, the MILK CLEAN light (B17) on the display (B) comes on. To eliminate all milk residues, proceed as follows:

1. Leave the milk container in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout.
3. Turn the froth adjustment dial to "CLEAN" (E1) (fig. 21).
4. Cleaning begins and stops automatically.
5. Turn the dial to .
6. Remove the milk container and always clean the steam connection nozzle (A18) with a sponge (fig. 22).

Please note!
- To prepare a number of cappuccinos and milk based coffees, clean the milk container after you have prepared the last beverage only.
- The milk container can be kept in the refrigerator.

9. HEATING WATER

Important! Danger of scalding.

Never leave the machine unattended while delivering hot water. The spout becomes hot during delivery. Hold by the handle only.

9.1 Delivering hot water

1. Make sure the hot water spout (D6) is attached correctly (fig. 2).
2. Place a container under the spout (as close as possible to avoid splashes).
3. Turn the selection dial (C7) (fig. 9) until the light (B11) comes on.
4. Press the BREW button (C6).
5. The machine delivers hot water, then delivery stops automatically.

- To interrupt delivery of hot water manually, press the BREW button again.

10. PROGRAMMING THE QUANTITY OF ALL BEVERAGES IN THE CUP

The appliance is programmed to deliver set quantities. To change this quantity, proceed as follows:

1. Place a cup on the cup tray (A14). Make sure the cup is suitable for the beverage to be programmed.
2. Turn the selection dial (C7) (fig. 9) until the light corresponding to the beverage to be programmed comes on.
3. Press and hold the BREW button (C6). Delivery begins.
4. When the light corresponding to the selected beverage flashes rapidly, release the BREW button.
5. Once the required quantity has been reached, press the BREW button again. Delivery stops automatically.

The machine is now reprogrammed with the new milk and coffee quantities.

Please note!
- For milk-based beverages, you can programme the quantities of both the coffee and milk;
- When the beverage is ready, the light flashes for a few seconds to confirm that the appliance is saving the new settings. The appliance is ready for use.

11. CLEANING

11.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- internal circuit of the machine;
- coffee grounds container (A15);
- drip tray (A12), drip tray grille (A19) and condensate tray (A16);
- water tank (A11);
- coffee spouts (A17);
- pre-ground coffee funnel (A5);
- infuser (A9), accessible after opening the infuser door (A8);
- milk container (E);
- hot water/steam connection nozzle (A18);

Important!
- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic coffee machines, no chemical products are required for cleaning purposes.
- None of the components of the appliance can be washed in a dishwasher with the exception of the milk container (E).
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

11.2 Cleaning the internal circuit

If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend switching it on and:

- running 2/3 rinse cycles by pressing the button (C3);
- delivering a little hot water ("9.1 Delivering hot water").

Please note:

- After cleaning, it is normal for water to have collected in the coffee grounds container (A15).

11.3 Cleaning the coffee grounds container

When the indicator (B13) comes on, the coffee grounds container needs emptying and cleaning.

The appliance cannot be used to make coffee until you have cleaned the grounds container. Even if not full, the empty grounds container message is displayed 72 hours after the first coffee has been prepared. For the 72 hours to be calculated correctly, the machine must always be plugged in.

Important! Danger of scalding

If you make a number of cappuccinos one after the other, the metal cup tray (A12) becomes hot. Wait for it to cool down before touching it and handle it from the front only.

To clean (with the machine on):

- Remove the drip tray (A12) (fig. 23), empty and clean.
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom. This can be done with the spatula on the brush ((D5), if included with your model).
- Check the condensate tray ((A16), red) and empty if necessary.

Important!

When removing the drip tray, the grounds container must be emptied, even if it contains few grounds.

If this is not done, when the next coffees are made, the grounds container may fill up more than expected and clog the machine.

11.4 Cleaning the drip tray and condensate tray

Important!

The drip tray (A12) is fitted with a level indicator ((A13) red) showing the level of water it contains (fig. 24). Before the indicator protrudes from the cup tray (A14), the drip tray must be emptied and cleaned, otherwise the water may overflow the edge and damage the appliance, the surface it rests on or the surrounding area.

To remove the drip tray:

1. Remove the drip tray and the coffee grounds container (A15) (fig. 23);
2. Empty the drip tray and grounds container and wash them;
3. Check the red condensate tray (A16) and empty if necessary;
4. Replace the drip tray and grounds container.

11.5 Cleaning the inside of the machine

Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see section "5. Turning the appliance off") and unplugged from the mains power supply. Never immerse the machine in water.

1. Check regularly (about once a month) that the inside of the appliance (accessible after removing the drip tray, (A12)) is not dirty. If necessary, remove coffee deposits with a brush (if included with your model, use the accessory (D5) provided) and a sponge;
2. Remove all residues with a vacuum cleaner (fig. 25).

11.6 Cleaning the water tank

1. Clean the water tank regularly (about once a month) and whenever you replace the water softener filter ((D4) if provided) with a damp cloth and a little mild washing up liquid;
2. Remove the filter (if installed) and rinse with running water;
3. Replace the filter (if installed), fill the tank with fresh water and replace;
4. (Models with water softener filter only) Deliver about 100ml of water.

11.7 Cleaning the coffee spouts

1. Clean the coffee spouts (A17) regularly with a sponge or cloth (fig. 26A).
2. Check the holes in the coffee spouts are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 26B).

11.8 Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel (A5) is not blocked. If necessary, remove coffee deposits with a brush (if included with your model, use the accessory (D5) provided).

11.9 Cleaning the infuser

The infuser (A9) must be cleaned at least once a month.

Important!

The infuser cannot be removed when the machine is on.

1. Make sure the machine has run the shutdown procedure correctly ("5. Turning the appliance off").
2. Remove the water tank (A11)
3. Open the infuser door (A8) (fig. 27) on the right side of the appliance;
4. Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 28).
5. Soak the infuser in water for about 5 minutes, then rinse under the tap;

Important!

RINSE WITH WATER ONLY

NO WASHING UP LIQUID - NO DISHWASHER

Clean the infuser without using washing up liquid as it could be damaged.

6. Use a brush (if included with your model, use the accessory (D5) provided) to remove any coffee residues left in the infuser housing, visible through the infuser door;
7. After cleaning, replace the infuser by sliding it onto the internal support, then push the PUSH symbol fully in until it clicks into place (fig. 29).

Please note!

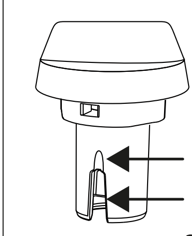
If the infuser is difficult to insert, before insertion, adapt it to the right size by pressing the two levers (fig. 30).

8. Once inserted, make sure the two coloured buttons have snapped out (fig. 31).
9. Close the infuser door;
10. Put the water tank back.

11.10 Cleaning the milk container

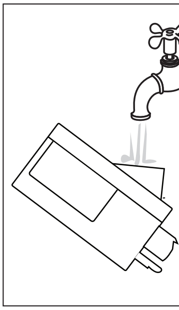
Clean the milk container (E) each time you prepare milk as described below:

1. Remove the lid (E2).
2. Remove the milk spout (E5) and intake tube (E4).
3. Turn the froth adjustment dial (E1) anticlockwise to the "INSERT" position (fig. 32) and pull off upwards.
4. All components and the container are dishwasher safe, placing them in the top basket. If you do not have a dishwasher, wash by hand as described in the note at the end of the section.



33

Make sure there are no milk residues on the hollow and groove under the dial (fig. 33). If necessary, scrape the groove with a toothpick;



34

5. Rinse inside the froth adjustment dial seat with running water (fig. 34).
6. Check that the intake tube and milk spout are not clogged with milk residues.
7. Replace the dial (in correspondence to the word "INSERT"), spout and milk intake tube.
8. Place the lid back on the milk container.

Please note: washing by hand

Washing in a dishwasher guarantees the perfect hygiene of all the milk container components. When washing by hand, wash all components of the milk container thoroughly with hot water and immerse them in a basin of hot water for 30 minutes before proceeding as described in point 5.

11.11 Cleaning the hot water/steam nozzle

Each time you prepare milk, clean the connection nozzle (A18) with a sponge to remove milk residues from the gaskets (fig. 22).

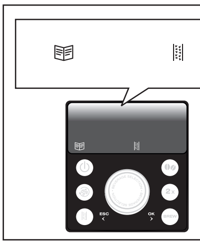
12. DESCALING

Important!

- Before use, read the instructions and the labelling on the descaler pack.
- It is important to use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer's guarantee.
- Descaler could damage delicate surfaces. If the product is accidentally spilt, dry immediately.

To descale	
Descaler	De'Longhi descaler
Container	Recommended capacity: 1.8
Time	~45min

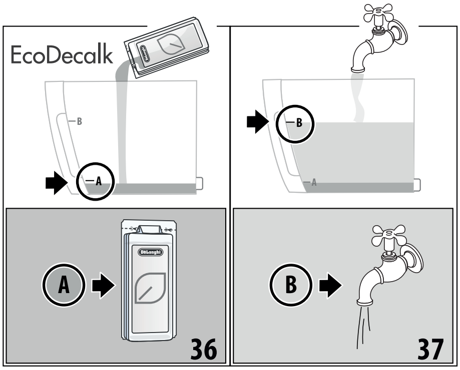
Descale the appliance when the light (B15)on the display (B) comes on.



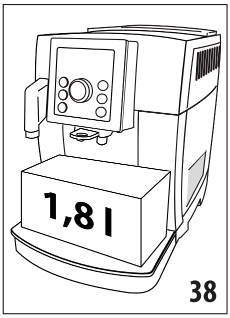
35

1. Turn the machine on and wait until it is ready for use.
2. Press the button (C5). The lights shown in fig. 35 come on and the OK (B22) and ESC (B21) lights flash.

3. Press the BREW button (C6) to confirm. (To cancel, press the button corresponding to ESC).
4. Empty the water tank (A11) completely and remove the water softener filter ((D4), if present).



36 37



38

5. Pour the descaler (D3) into the tank up to level A (corresponding to a 100ml pack) marked on the side of the tank (fig. 36), then add water (1 litre) up to level B (fig. 37) and put the water tank back. Place an empty container with a minimum capacity of 1.8 litres under the coffee spouts (A17) and hot water spout (D6)(fig. 38).

Important! Danger of scalding

Hot water containing acid flows out of the coffee spouts and hot water spout. Take care to avoid contact with splashes of this solution.

6. Press the BREW button to confirm that you have added the descaler solution
   The descale programme begins. The descaler liquid comes out of the coffee spouts and hot water spout and a series of rinses and pauses is performed to remove limescale deposits from inside the machine;

After about 25 minutes, the appliance interrupts descaling and the (B12), (B15) and (B14) lights come on.

7. The appliance is now ready for rinsing through with clean water. Empty the container used to collect the descaler solution. Extract the water tank, empty, rinse under running water, fill with fresh water up to the MAX level and put back in the appliance. The OK light comes on.
8. Place the container used to collect the descaler solution empty under the coffee spouts and hot water spout (fig. 38);
9. Press the OK button to start rinsing. Hot water comes out of the spouts.
10. When the water tank is completely empty, the , and lights come on.
11. Remove the water tank, replace the filter (if previously removed), fill the tank up to the MAX level with fresh water and insert it in the appliance. The OK light comes on.
12. Place the container used to collect the rinsing water empty under the hot water spout. Press the OK button: The appliance starts rinsing again, this time from the hot water spout only.
13. At the end of the rinse, the OK light comes on. Press the OK button and top up the water tank.

The descaling cycle is now complete.

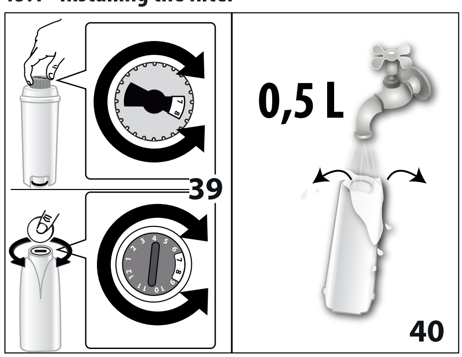
Please note!

- If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle;
- After descaling, it is normal for the grounds container (A15) to contain water.
- If the water tank has not been filled to the MAX level, at the end of descaling, the appliance requests a third rinse to guarantee that the descaler solution has been completely eliminated from the machine's internal circuits. Before starting rinsing, remember to empty the drip tray.

13. WATER SOFTENER FILTER (D4, IF PRESENT)

Certain models are fitted with a water softener filter (D4). If this is not the case with your model, you are recommended to purchase one from De'Longhi Customer Services.
To use the filter correctly, follow the instructions below.

13.1 Installing the filter



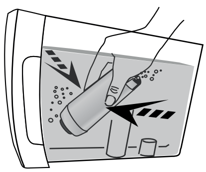
39 40

1. Remove the filter (D4) from the packaging.
2. Turn the date indicator disk (fig. 39) until the next 2 months of use are displayed;

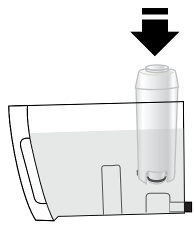
Please note

The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last a maximum of 3 weeks.

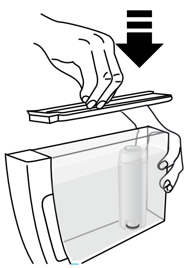
3. To activate the filter, run tap water through the hole in the filter as shown in fig. 40 until water comes out of the openings at the side for more than a minute;



41



42



43

4. Remove the tank (A11) from the machine and fill with water. Insert the filter in the water tank and immerse it completely for about ten minutes, sloping it to enable the air bubbles to escape (fig. 41).
5. Insert the filter in the filter housing and press fully home (fig. 42)
6. Close the tank with the lid (A10), then put the tank back in the machine (fig. 43).
8. Position a container under the hot water spout (min. capacity: 500 ml);
9. Deliver at least 500ml of water (see “9.1 Delivering hot water”).

Important!

The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last no longer than 3 weeks.

14. TECHNICAL DATA

Voltage:	220-240 V~ 50/60 Hz max. 10A
Absorbed power:	1450W
Pressure:	1.5 MPa (15 bars)
Max. water tank capacity:	1.8 l
Size LxDxH:	240x430x350 mm
Cord length:	1750 mm
Weight:	9.7 kg
Max. beans container capacity:	250 g max.

De'Longhi reserves the right to modify the technical specification and styling of its products at any moment, without compromising their functionality and quality.

14.1 Tips for Energy Saving

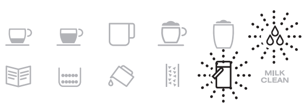
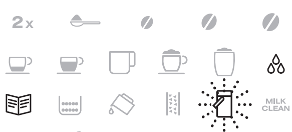
- To reduce energy consumption, after delivering one or more beverages, remove the container (E) or accessories.
- When requested by the machine, perform the descaling cycle.

15. TROUBLESHOOTING

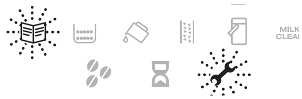
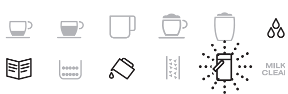
Below is a list of some of the possible malfunctions. If the problem cannot be resolved as described, contact customer services.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The coffee is not hot.	The cups were not preheated.	Warm the cups by rinsing them with hot water (Please note: you can use the hot water function).
	The internal circuits of the appliance have cooled down because 2/3 minutes have elapsed since the last coffee was made.	Before making coffee, heat the infuser by performing a rinse cycle ("7.4 Tips for a hotter coffee")
The coffee is weak or not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment dial (A1) one click anticlockwise towards 1 while the coffee mill is in operation (fig. 10). Continue one click at a time until coffee delivery is satisfactory. The effect is visible only after 2 coffees have been made ("7.3 Adjusting the coffee mill")
	The coffee is unsuitable.	Use coffee for espresso machines.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment dial (A1) one click anticlockwise towards 7 while the coffee mill is in operation (fig. 10). Continue one click at a time until coffee delivery is satisfactory. The effect is visible only after 2 further coffees have been made (see section "7.3 Adjusting the coffee mill")
Coffee does not come out of one or both of the spouts.	The coffee spouts (A17) are blocked.	Clean the spouts with a toothpick (fig. 26B)
Milk does not flow from the milk spout	The lid (E2) of the milk container lid is dirty	Clean the milk container lid as described in section "11.10 Cleaning the milk container"
The milk contains large bubbles and squirts out of the milk spout or there is little froth	The lid (E2) of the milk container lid is dirty	Clean the milk container lid as described in section "11.10 Cleaning the milk container"
	The milk is not cold enough or is not semi-skimmed.	Use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is not as you wished, try changing brand of milk.
	The froth adjustment dial (E1) is incorrectly adjusted.	Adjust following the instructions in section "8.2 Adjusting the amount of froth"
	The milk container lid (E2) or froth adjustment dial (E1) is dirty	Clean the milk container lid and control knob as described in the section "11.10 Cleaning the milk container"
The appliance does not come on	It is not plugged into the mains socket.	Plug into the mains socket.
The appliance switches off	The appliance goes off automatically if not used for 30 minutes	
The infuser cannot be removed	The appliance has not been turned off correctly	Turn the appliance off by pressing the ⏻ button (C1) ("5. Turning the appliance off")

16. EXPLANATION OF LIGHTS

LIGHT	POSSIBLE CAUSE	REMEDY
	The appliance is heating up or cooling down.	Wait
	The grounds container (A15) is full.	Empty the grounds container and drip tray (A12), clean and replace. Important: when removing the drip tray, the grounds container MUST be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.
	After cleaning, the grounds container (A15) has not been replaced.	Remove the drip tray (A12) and insert the grounds container.
	The grounds container is not inserted correctly.	Make sure the grounds container is inserted correctly.
	Not enough water in the tank (A11).	Fill the tank with water and/or insert it correctly, pushing it as far as it will go.
	The tank (A11) is not correctly in place	Insert the water tank.
	The coffee beans have run out.	Fill the beans container (A2).
	The machine must be descaled.	The descaling procedure described in section "12. Descaling" needs to be performed.
	The milk container (E) is missing or not correctly in place.	Insert the milk container as far as it will go.
	Milk has been delivered recently and the tubes inside the milk container (E) must be cleaned.	Turn the froth adjustment dial (E1) to the CLEAN position (fig. 21).
	The froth adjustment dial (E1) is in the CLEAN position	Turn the dial to the  position .
	The hot water spout (D6) is not inserted or is inserted incorrectly.	Insert water spout as far as it will go.
	Insert the hot water spout (D6) in place of the milk container (E)	Insert the hot water spout .
	General alarm	Contact Customer Services.

→

LIGHT	POSSIBLE CAUSE	REMEDY
	The infuser (A9) has not been replaced after cleaning	Insert the infuser as described in section "11.9 Cleaning the infuser"
	The grinding is too fine and the coffee is delivered too slowly or not at all.	Repeat coffee delivery and turn the grinding adjustment dial (A1) (fig. 10) one click clockwise towards 7 while the coffee mill is in operation. If after making at least 2 coffees delivery is still too slow, repeat the correction procedure, turning the grinding adjustment dial another click (see section "7.3 Adjusting the coffee mill"). If the problem persists, make sure the water tank is fully inserted.
	If the water softener filter (D4) is present, an air bubble may have been released inside the circuit, obstructing the flow.	Insert the hot water spout in the appliance and deliver a little water until the flow becomes regular (see "9.1 Delivering hot water").
	The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.	Place pre-ground coffee in the funnel (A5).
	The funnel is clogged.	Clean the spout ("11.8 Cleaning the pre-ground coffee funnel").
	Too much coffee has been used.	Select a lighter taste or reduce the quantity of pre-ground coffee and repeat delivery.
	The water circuit is empty. Insert the hot water spout (D6).	Insert the hot water spout and deliver hot water.
	The water circuit is empty.	Press OK (C6) to deliver water from the spout (D6) until it flows out normally. If the problem persists, make sure the water tank is fully inserted.